

# EXHIBIT B

# DICTIONARY OF SCIENCE AND TECHNOLOGY

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**hibernation** 2. BOT the arrangement of sepals and petals in a flower bud

**aetiological agent** *noun* BIOL an agent which causes a disease

**aetiology** *noun* BIOL the causes of a disease, or the study of those causes

**affect** *verb* to have an influence on or to change something ○ *Humidity and air density are factors which affect the output of the engine.* ○ *Wind direction and speed only affect the movement of the aircraft over the ground.* Compare **effect**

**afferent** *adjective* BIOL conducting liquid or electrical impulses towards the inside

**afferent nerve** *noun* ANAT same as **sensory nerve**

**affinity** *noun* CHEM an attraction between two substances

**affirmative acknowledgment** *noun* TELECOM a signal from a receiver indicating that it has accepted a message and is ready for the next one

**affluent** *adjective* 1. wealthy 2. EARTH SCI referring to water which is flowing freely ■ *noun* EARTH SCI a stream which flows into a river

**afforest** *verb* AGRIC to plant an area with trees

**afforestation** *noun* 1. AGRIC the planting of trees in an area or as a crop ○ *There is likely to be an increase in afforestation of upland areas if the scheme is introduced.* 2. EARTH SCI the planting of trees on land previously used for other purposes

**aflatoxin** *noun* FOOD INDUST a toxin produced by species of the fungus *Aspergillus*, especially *Aspergillus flavus*, which grows on seeds and nuts and affects stored grain

**AFLP** *abbreviation* BIOTECH amplified fragment length polymorphism

**AFM** *abbreviation* PHYS atomic force microscope

**AFP** *noun* COMPUT a protocol used to communicate between workstations and servers in a network of Apple Macintosh computers. Full form **Appletalk filing protocol**

**afromosia** *noun* TREES a hardwood tree from West Africa, now becoming scarce. Latin name: *Pericopsis elata*.

**after-** *prefix* coming later

**afterburner** *noun* a device which reduces pollution by burning out organic gases

**aftercare** *noun* ENVIRON arrangements for preventing future pollution from an environmentally sensitive activity that has ceased

**aftereffects** *plural noun* BIOL changes which appear only some time after the cause ○ *The operation had some unpleasant aftereffects.*

**afterglow** *COMPUT* ♦ **persistence**

**aftershock** *noun* EARTH SCI a weaker shock which follows the main shock of an earthquake. Compare **foreshock**

**Ag** *symbol* CHEM ELEM silver

**agamosperry** *noun* BOT same as **apomixis**

**agar, agar agar** *noun* BIOL a culture medium based on an extract of seaweed used for growing microorganisms in laboratories

**agbiotech** *noun* BIOTECH biotechnology applied to agriculture or an agricultural industry

**AGC** *noun* ELECTRONICS an electronic circuit that adjusts the level of an incoming signal so that it is suitable for the next part of the circuit. Full form **automatic gain control**

**age** *noun* the number of years during which a person or thing has existed ○ *The size varies according to age.* ■ *verb* to grow old

**age group** *noun* all people of a particular age

**agency** *noun* 1. an organisation or company that acts as a representative for a person or business 2. a government organisation with a specific role 3. BIOL the act of causing something to happen ○ *The disease develops through the agency of bacteria present in the bloodstream.*

**Agenda 21** *noun* ENVIRON a global environmental programme and statement of principles concerning sustainable development for the 21st century, agreed in 1992 at the Earth Summit in Rio de Janeiro, Brazil

**agent** *noun* 1. CHEM a chemical substance which causes a change ○ *an anti-icing agent* 2. *COMPUT* a program or piece of software that runs on a workstation in a network, sending performance and statistical information about the workstation to a central network management console 3. *COMPUT* a series of commands or actions that are carried out automatically on a particular file or data 4. BIOL a substance or